the United States coast survey and the 1818, and the first "liner"-which took

"Atlantic ferry" will be made in about 27 miles per hour. She was then in four days, or at the most not to exceed close competition with the Kaiser William of the hour express must be not less too hours.

sidered unreasonable. To do this, how-though the Paris held the Atlantic rec-will evolve for crossing the Atlantic in gregate 1,500 to 2,000 tons per diem, or over 7,000 tons for each trip. There will evolve for crossing the Atlantic in gregate 1,500 to 2,000 tons for each trip. There will evolve for crossing the Atlantic in gregate 1,500 to 2,000 tons for each trip. There will evolve for crossing the Atlantic in gregate 1,500 to 2,000 tons for each trip. There will evolve for crossing the Atlantic in gregate 1,500 to 2,000 tons for each trip. There will evolve for crossing the Atlantic in gregate 1,500 to 2,000 tons for each trip. class of ocean steamships, capable of hours and 7 minutes. Great advance in are in the main agreed that there must be a bill for fuel alone of at least \$35,000, maintaining an average speed of at ocean navigation has been made since least 30 knots an hour. Thirty knots, or the first steamer (an American vessel, official nautical miles, as calculated by the way) crossed the Atlantic in

experts say, that within the limits the trip from New York to Plymouth in of that somewhat vague period, the 5 days 7 hours and 28 minutes, at an down to 6 days 5 hours and 31 minutes. A sister ship, the Umbria, went an hour Deutschland 32,000, Kaiser Wilhelm II

be a radical departure from the present

ry ocean express will be in a class by

herself, unique in every respect.

T IS not improbable, the maritime tember last broke her own record by 4 hours on an eastern trip, and on the naces. The indicated horsepower of the two of them being shown in this porfour days, or at the most not to exceed close competition with the Kaiser William for Grosse, whose highest average helm der Grosse, whose highest average of the Atlantic" until the Paris made of the Atlantic" until the Paris made her great run of 5 days 23 hours and 7 the highest class and perhaps one that date was made by the Lucania—that date was made by

The Deutschland

and the grand total of expenses for a

single passage will probably be from

This is enough to stagger any but the great Neptunes of commerce; but

against this there should be set off the

vast receipts from passengers and

mails, possibly amounting to over \$200,-

000, and it will be seen that something

should be left for interest on the cost

of the ship (not less than \$6,000,000) and

Ship owners and builders are not now

disposed to make large ventures in the

direction of speed, at the sacrifice of

waiting for some new development that

shall give the requisite results with

large capacity. The great objection to

to pay running expenses.

type-in fact, that the twentieth centu- space which this entails. They are

They also agree that the possible lim- greater economy than at present is pos-

it has been nearly reached in length sible. In view of what has been accom-

and tonnage in the new Oceanic-17,040 plished by the inventor of those won-

tons, 704 feet long. The Deutschland is derful boats, the Turbinia and the Vi-16,200 tons and 686 feet in length, and per, which attained the unprecedented the rival German line owning the Kai- speed of 40 and 43 miles per hour on ser Wilhelm der Grosse has announced | trial trips, it would seem that the en another ship to surpass her in every re- gine of the future is to be like theirsspect-728 feet in length, tonnage 18,000, of the rotary turbine system-though it speed 24 knots. She will be launched has not yet been tried in vessels of

So long as the beam is not greatly them is their voracity, as they are perincreased, length and speed are in a fect gluttons for coal, and no ship has measure correlated, and it has been yet been constructed sufficiently large calculated that the 30 knot express to carry all the fuel she would need

vernia's 21,000. She cannot be used for them for great liners, so there

nost for engines, boilers, coal and fur- the first decade of this century.

THE MACE OF THE HOUSE OF COMMONS.

In such countries as worship the emblem of power without inquiring as to

ts derivation the mace is a wonderful scepter, endowed with every attribute

of authority. Such is the mace of the British house of commons, figured in this

ilustration from the only photograph ever taken. There is only one person per-

mitted to take photographs in the house of commons, and that person is Sir

Benjamin Stone, M. P., who has a monopoly of the strictest character. He

can wander about and snap shot anybody and anything he chooses, from the

bauble herewith represented to a member of the parliament. But let any oth-

in the house of lords or commons, represents the authority of that house.

functionary spies him out, and he is at once landed in "chokey."

er person try to get a snap shot on the sly, and the eagle eye of the proper

The mace, as is probably known, represents delegated authority, sometimes



DESCENDANTS OF KRUGER.

When Oom Paul Kruger left Africa for Europe, he took with hir, his lovely grandchildren, Miss Guttmann and Mrs.

loff, the latter being accompanied by her husband and two small children. S there were three generations of Krugers in the party, representatives of

trait of Mrs. Eloff and her younge child. They do not "favor" the rugged old hero of the Boers, unless the child may be said to show a family resemblance, for the young ladies are very good looking, and nobody would suspect their relationship to one whose lineaments have made him famous-but not on account of great beauty.

In spite of their unsanitary habits the Chinese often escape disease because their houses are well ventilated and the children receive a daily sun bath.

"LIKE FATHER, LIKE SON"-SECRETARIES

AUSTIN AND JOSEPH CHAMBERLAIN



AUSTIN CHAMBERLAIN.

JOSEPH CHAMBERLAIN.

A VERY POPULAR KING.

Although the king of the Belgians is

65 years old and has worn a crown ever

since he can remember, yet he likes to

forget the cares of state and royalty

and mingle with the common people.

In fact, the charge has been brought

home to him several times that he is

too prone to mingle indiscriminately

with the very common people and likes

them better than he does the aristocra-

cy. He dotes on Paris and the pretty

girls attracted thither from all parts of

the world, and many of the hard earned

Belgian dollars are said to have gone

to enrich some favorite of his fancy. It

"Like father, like son," may well be quoted of Mr. Chamberlain, England's colonial secretary, and his eldest son, Mr. J. Austin Chamberlain, the financial secretary to the treasury department. According to their enemies, the son is almost an exact copy of the father, even to the inevitable monocle and the invariable accompaniment of the orchid which "Joey" always wears in his buttonhole. They even go further and charge that the son has adopted the business methods of his illustrious parent and has been interested in certain fat contracts of which the colonial department had the disposition in the South In the most recent attack upon him in the house of commons Chamber-

lain pere defended his "personal honor," which he assumed was impugned, but made no explanations satisfactory to his opponents. He stated, however, that his relatives were all business men and had to make their own for, tunes. "I come," he said, "of a family which can boast nothing of distinguished birth or inherited wealth, but has an unbroken record for nearly two centuries of unstained commercial integrity." Mr. Austin Chamberlain is not far from 40 years old and a bachelor. Like

his brother Neville and his sisters, he accepted the second marriage of his father with good grace, and all seem very much attached to their American stepmother, formerly Miss Mary Endicott, daughter of the late William C. Endicott of Salem, Mass., Cleveland's first secretary of war.

CROWN PRINCE OF GERMANY AS A HUNTSMAN.



Following in the footsteps of his illustrious father, the crown prince of Germany would be a mighty hunter. This illustration shows a trophy of his prowess-he at least is credited with it-in the handsome elk that was laid low

by a rifle shot while being driven up to the concealed hunters in the forest. Elk hunting by royalty, however, is on a par with all the other sport of that character in which they indulge, as, for example, the so called "chase of the boar." of which the emperor of Germany is so fond. When let alone, the wild swine of the imperial preserves become as fat and as tame as ordinary pigs. But to prevent an onslaught from an old tusker small forts of earth and ogs have been built at frequent intervals, into which the emperor can dodge f hard pressed. As the kaiser is rather weak in one of his arms, he does not always hit the game that is driven up for him to shoot; but, all the same, his royal relatives feel sure of receiving the customary boar's head at Christmas as a testimonial of his skill and regard.

HOW THEY SALUTED THE QUEEN.

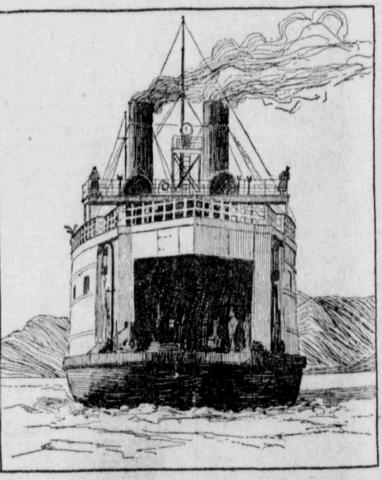
A pretty story is told of two little girls who attracted Queen Victoria's the planters in Hawaii. No less than of showing these ladies about." They attention one day when she was out driving at Osborne. On her return she sent for the children, requesting that they might come by themselves, without the restraint of governess or mother. They had never spoken to a queen before, but they had learned their Old Testament and thought that the greeting fitted to a king might also be correct for a queen. So when, hand in hand, they came into the room where Victoria was waiting to receive them, they fell on their knees, exclaiming together, "Oh, queen, live forever!

Needless to say, her motherly majesty was delighted at the quaint salutatio of the crown and sometimes of parliament, and the mace on the table, either and expressed her pleasure in a way the children are never likely to forget.

LABOR SCARCE IN HAWAII. 30,000 men are needed there in the culti- gave him a 10 franc piece, which he atvation of sugar, and efforts are making tached to his watch chain as a souveto secure them in this country.

was not long ago that a policeman hauled him up for furiously driving an automobile through the streets of Paris. At another time, Dame Rumor has it, he was wandering through his own royal gardens as guide to a party of American girls who had mistaken him for the gardener. When his lord chamberlain met him thus employed, he nearly fell in a faint when the old king There is a great demand for hands by said sweetly, "I have taken the liberty

THE GREAT ICE BREAKER FERRYBOAT ON LAKE BAIKAL



One of the most important breaks in Russia's 4,000 mile railroad across Siberla is at Lake Baikal, 13,000 square miles in area and twice as wide as the English channel at Dover. Though the plans call for a railroad around the lake to connect the termini, yet at present a trip is necessary across it. But as the lake is frozen over every year at or near the middle of December a specially designed boat for the transportation of trains was needed. This want has been supplied by the great ice breaker boat, the Baikal, figured in the accompanying illustration. It has three lines of track on its main deck, and the trains enter at the bow, as it is run against the pier. The hoat has two powerful short bladed propellers at the stern and in addition another screw at the bow, which sucks away the water from beneath the ice and causes it to split of its own weight. Then the heavily loaded boat crashes through the three feet of ice with ease at a speed of 13 miles an hour. Its direct course from shore to shore is 39 miles, and as the ice closes in behind the boat after each transit a new waterway has to be broken every trip.

the chase appears to the four footed hunters who run down the game. They know well enough that no harm is intended to the larger members of their family and that the stag is safe except from accident, so they enter into the sport with all their hearts. Very few stags are taken in a season, for the quarry's quick ear detects the sound of galloping hoofs from afar.

From some elevated position he is apt to espy the red coated horsemen racing in his direction, whereupon, with commendable alacrity, he makes himself scarce in that particular vicinity.

The fox hunting season has just ended, and poor reynard has by this time probably learned what a hard world

In this photograph of a pack of staghounds gathered to have "their picture taken" one can see how interesting

this is for such as he, even when a rival is employed in the shape of the aniseed bag. The fox is the ostensible object

A PACK OF STAGHOUNDS GATHERED FOR A PHOTOGRAPH.

of pursuit, but the aniseed bag has long been recognized as a satisfactory substitute

FOR BUSY READERS.

been killed in the Maine woods the hung in the statehouse,

ly from other states. ng a resolution authorizing the govern- Rey."

The Vermont house has evidenced its cently suppressed little uprising was to

or to have General Liscum's portrait | A balloon fitted up with automatic in- conversation with visitors. Supper is | The boundary line between the Unit- those states for the purpose of regulat- until they arrive at the end of their

struments was sent up recently in Paris served at 9 p. m., and the count does ed States and Mexico has recently been ing or prohibiting the marriage of ha- journey. It is an amusing sight to one

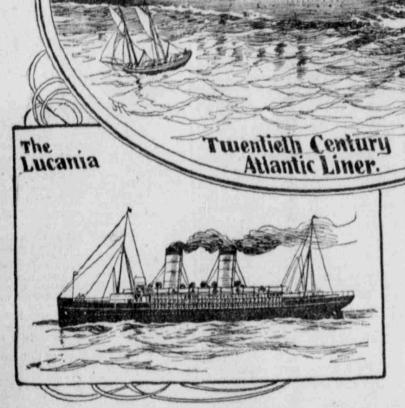
A pupil at the public school in Arm-Count Tolstoi divides his time each strong, Me., refused to study Latin and foundations 5 feet square.

and came down safely. The instru- not retire until a late hour. He has resurveyed and marked by stone monu-It is estimated that 1,000 deer have painted at the expense of the state and ments showed that it had risen to 55,000 given up cycling. Almost every day he ments in the form of obelisks located incurable diseases, drunkards and vicfeet, or over ten and a half miles. At receives visits from friends and ac- about five miles apart. The shafts are tims of harmful drugs.

ing one month 15,591 passes were issued

A recent European invention is a

process for making artificial sponges. zinc chloride on cellulose, by which spongy compounds similar to starch are produced. These products when steps to secure medical legislation in quietly placing one foot before another phere sufficiently dry become hard



British admiralty, would be equivalent 161/2 days to cross-in 1838. It is just 60 steamer must necessarily be over 300 even in a four day trip and prove profto nearly 35 statute miles—840 miles for years since the Britannia, of 1,150 tons, feet long, about 90 feet beam and over table at the same time.

This would be sufficient with engines of 740 horsepower, made to cover in four day trip and prove professional feet long, about 90 feet beam and over table at the same time.

The inventor of the rotary turbine to cover in four day trip and prove professional feet long, about 90 feet beam and over table at the same time.

The inventor of the rotary turbine to cover in four day trip and prove professional feet long, about 90 feet beam and over table at the same time. to cover in four days the distance its initial transatiantic trip in 14 days be about 40,000 tons, as against the has promised to attempt to curb the across the Atlantic between any "all and 8 hours. Ten years later the voy-

by the way. liners for the past ten years or so has town in 7 days 23 hours and 4 minutes. been to reduce the average time be- This record was lowered by the Britantween New York and the nearest Brit- nic two years later to 7 days 11 hours ish or European port to less than 120 and 37 minutes. hours. To accomplish this steamer aft- To cross in less than a week was now er steamer has been built, with the re- the aim of shipowners and navigators. sult that records have been steadily the first to start this record being the lowered, and still the end of the century | America, which in 1877 sped between finds the five day record unattained. Sandy Hook and Queenstown in 6 days The best time up to date is that of the 13 hours and 44 minutes. Eight years wonderful Deutschland, which in Sep- later the Etruria reduced this time by

with a few miles to spare for detentions and rapid transit came to stay in 1867 cargo to any extent since her enormous reason to believe that the hundred hour when the City of Paris of the old Inman proportions must be utilized to the ut-The highest ambition of the Atlantic line crossed from New York to Queens-

DEAN OF THE DIPLOMATS.

The dean of the world's diplomatists at the time of his recent retirement was inside a carriage in the principal street Prince Munster, late German embas- of Alexandria, shows how relentless! sador to France. He was not only the oldest, but al-

so one of the tallest members of the diplomatbody and is distinguished by his commanding presence. He was born England 80 years ago and is looked upon as a true cosmopolitan, inasmuch as his parents were Hanoverians, his first wife was a Russian and his second an Eng-

woman. spent in the service of his fatherland,

and he seems as active today as when he began his career, retiring as one of AN EGYPTIAN FUNERAL.

This snap shot, which was taken from the camera fiend pursues his subects, even to he grave. It hows, also, the eculiar manner which the

Egyptian Arab carried to his ast resting ace. The bler borne by his ur nearest reltives, the head f the corpse being directly beneath the curious protuberance standing up from the front part of the casket.

Such other relatives as the deceased Thirty of his 80 may have left to bewail his taking off years have been follow on foot, chanting in a monotone. Robbing graves is the only crime un-

der Chinese law for which the thief

ters resident in France. COOKING HIPPOPOTAMUS MEAT IN A CANNIBAL CAMP.

lone finding him out.

the most popular of the foreign minis- may be justly killed on the spot by any



This illustration depicts a camp scene in Africa. It shows a collection of cannibals engaged in cooking big flakes of hippopotamus flesh. Their chief dependence in general, according to a traveler who found them out, had been human flesh, and the transfer of their affections from the succulent steak cut from a captive of their own species to the comparatively tough hippo meat indicates progress toward civilization. This change was due to the efforts of the advance parties of the Cape to Cairo telegraph, who turned the negroes from the error of their ways. One of that party describes the scenes he witnessed as exceedingly revolting. This telegraph line, by the way, is now in operation to a point beyond Lake Tanganyika, about 1,400 miles from Cape Town.

present season, the hunters being most- Spanish Carlists have an eye to busi- that height the temperature outside the quaintances. ness. The first thing done in the re- balloon was 102 degrees below zero. admiration for the distinguished serv- issue a postage stamp. It is blue, with day in exactly the same manner. He was expelled. His father, a Methodist admiration for the distinguished see the second association of the intending emigrants, and intending emigrants, the head of the pretender and the intending emigrants, the head of the pretender and the intending emigrants.

The fristate second association of to intending emigrants, the head of the pretender and the intending emigrants.

The fristate second association of the intending emigrants.

The fristate second association of the pretender and the intending emigrants. Liscum, a native of Vermont, by adopt- scription, "Dios, Patria y Don Carlos the dinner hour-after which he takes board, with the result that Latin is now recent session in Chattanooga took They walk like well ordered animals, placed in water swell and in an atmost a short rest, followed by a walk and an optional study.

10 feet high, 4 feet square at the base | Emigration from Hungaria has asand 2 feet at the top and stand on sumed unusual dimensions lately. Dur. The method is based on the action of

The Tristate Medical association of to intending emigrants.